

GeneXpert® Infinity-80

The World's Highest Throughput
Molecular Diagnostic System





INNOVATION

Engineered to fit you



The GeneXpert® Infinity-80 is a completely new system. Re-engineered from the ground up for increased capacity, improved efficiency of operation, and even greater reliability — all in the same footprint as the Infinity-48. And the system is designed to work the way you work — batch testing, on-demand or STAT. The Infinity-80 is ready 24/7.

Ergonomic, adjustable touch screen



Fast, efficient sample scanner

Conveyor loading zone handles up to 4 cartridges simultaneously



Module doors eliminate pneumatics for lower maintenance and footprint

Smart waste disposal doesn't interrupt operation



Easily prioritize a STAT sample against the testing queue for the fastest results



Robotic gantry reengineered to handle any workload



SIMPLICITY

Ten years of focused R&D investment is behind the GeneXpert® Infinity-80. With its exclusive 'load and go' technology, the Infinity couples total walkaway operation with complete random access availability. It's the ultimate automated molecular solution for your core laboratory that will have lasting impact on lowering costs and improving patient care throughout your hospital.

SPEED

The GeneXpert® Infinity-80 doesn't need you to keep it company. By automating every aspect, it maximizes the efficiency and resource optimization in your lab. Just scan a disease-specific GeneXpert® cartridge into the system, load it, and our Xpertise™ software takes care of the rest. Runs can be prioritized and time to results identified, all from a single touchscreen. The Infinity is also amazingly flexible. Run single-patient samples as they arrive or in batches. You choose what's optimal for your workflow, or workload — with the capability of over 2,000 tests per day. The Xpertise software interfaces with any Laboratory Information or Hospital Information System network, delivering real-time answers.

ACCURACY

Responsible diagnostic testing demands proven technologies. With more than 10 million Anthrax tests run without a single false positive, no other molecular system has a proven track record that can compete with the GeneXpert System.



In here **is** a **more** powerful laboratory.

FACT. The United States Postal Service Biohazard Detection System has run **over ten million GeneXpert tests** without a single false positive.



BOTTOM LINE

What happens when LEAN principles meet cutting-edge innovation and design? You maximize results per square foot and gain efficiencies that extend beyond the four walls of your laboratory.

The GeneXpert Infinity-80 is an investment that pays you back. The modular design and high throughput capability keeps testing costs low while reducing maintenance and maximizing uptime. And the diagnostic accuracy of the Infinity-80 means you'll shrink risk while strengthening the most important bottom line of all: the health of your patients.



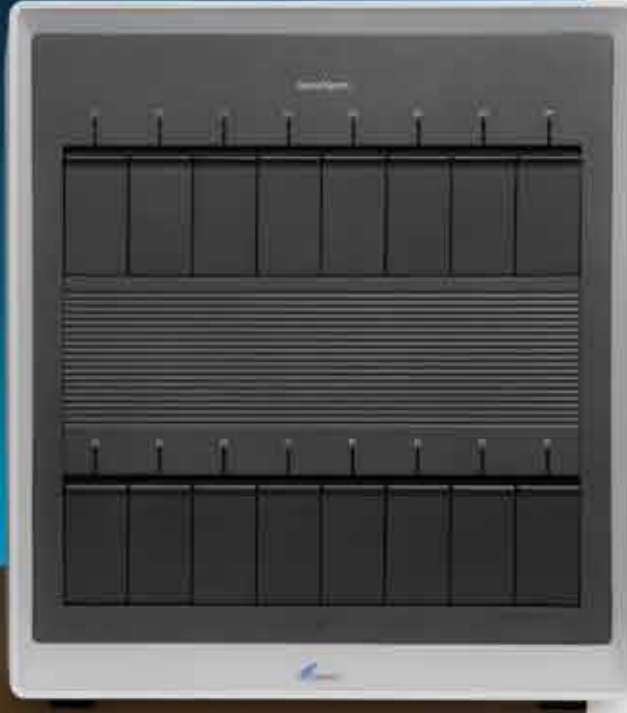
GeneXpert I



GeneXpert II



GeneXpert IV



GeneXpert XVI



GAME CHANGING FAMILY

For our full GeneXpert family, please visit www.cepheidinternational.com



Specifications

SYSTEM

Infinity-80

Automated, multi-mode molecular diagnostic analyzer for on-demand access processing of Rt-PCR based clinical diagnostics.

Number of Modules

16, 24, 32, 48, 56, 64, 72, 80

Reagents

Cepheid test-specific, ready-to-use, barcoded kit

SAMPLE

Test Throughput (theoretical max)

2,300 in 24 hours

Walk-Away Capacity

183 samples per Infinity
(80 loaded in modules, 80 queued,
19 conveyor, 4 shuttle)

QC Method

GeneXpert® test includes internal controls to monitor sample, processing and performance.

Sample Barcode Type

Code 128, Code 39

ELECTRICAL REQUIREMENTS

Power Requirements

Line 200 – 240 VAC, 20A

Voltage:

Frequency: 50 Hz – 60 Hz +/- 0.5%

Power Consumption

Max Current 16 Amps @ 200 VAC

ENVIRONMENTAL REQUIREMENTS

Operating 15 – 30°C

Temperature:

Ambient 10% – 95% RH,
Humidity: non-condensing

Heat Output: Maximum 530 W/hr
or 450 Kcal/hr

Noise Output: < 69 dB

PHYSICAL

Dimensions

108" (267.2 cm) L

35" (87.9cm) W

78" (200.9 cm) H

Weight

2,100 pounds = 954.5 kg

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